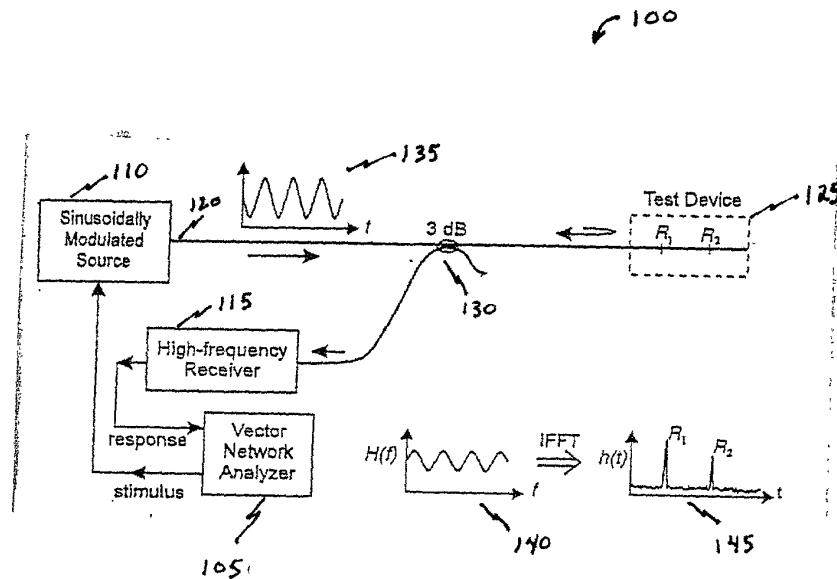


PROSPECTIVE PATENT



(PRIOR ART)

FIG. 1

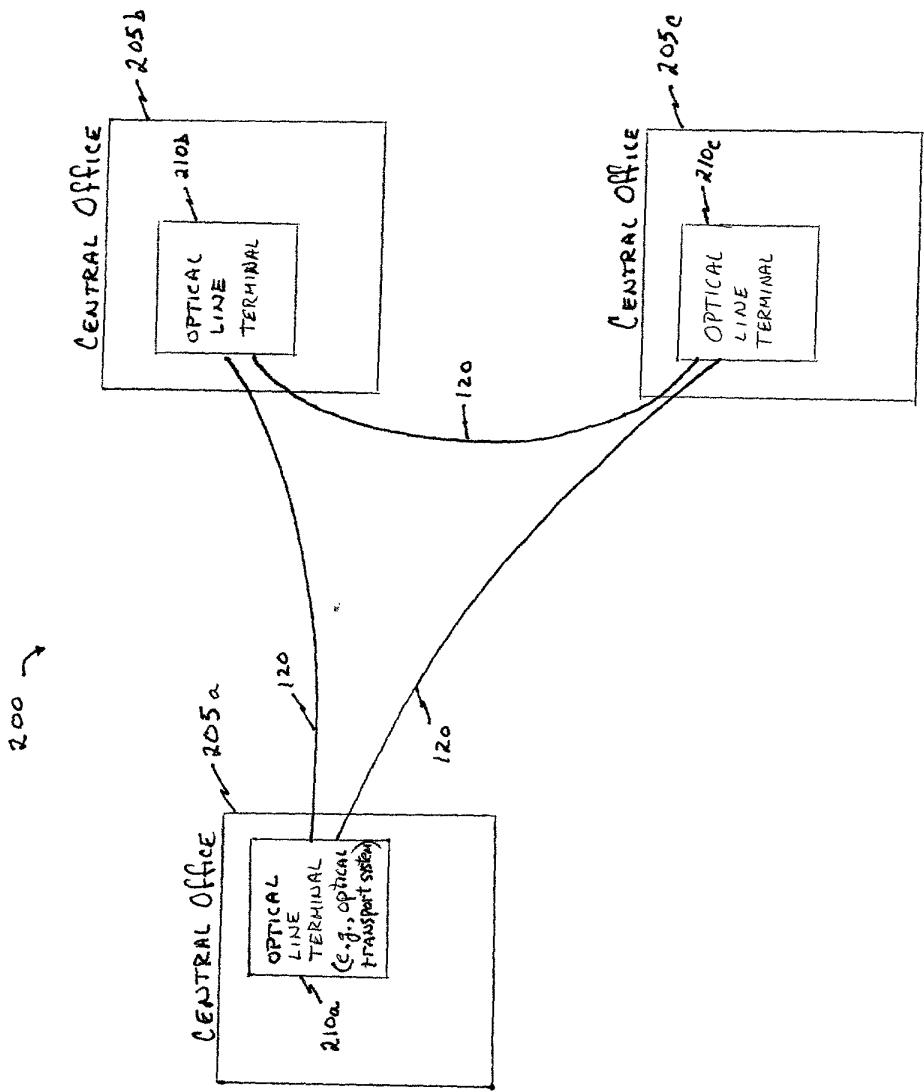


FIG. 2

Docket/App No.: 2376.2004-000
Title: Swept Frequency Reflectometry.....
Inventors: John C. Carrick, et al.

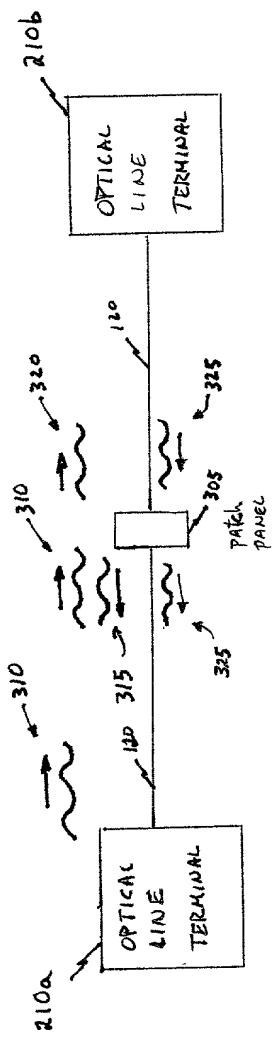


FIG. 3

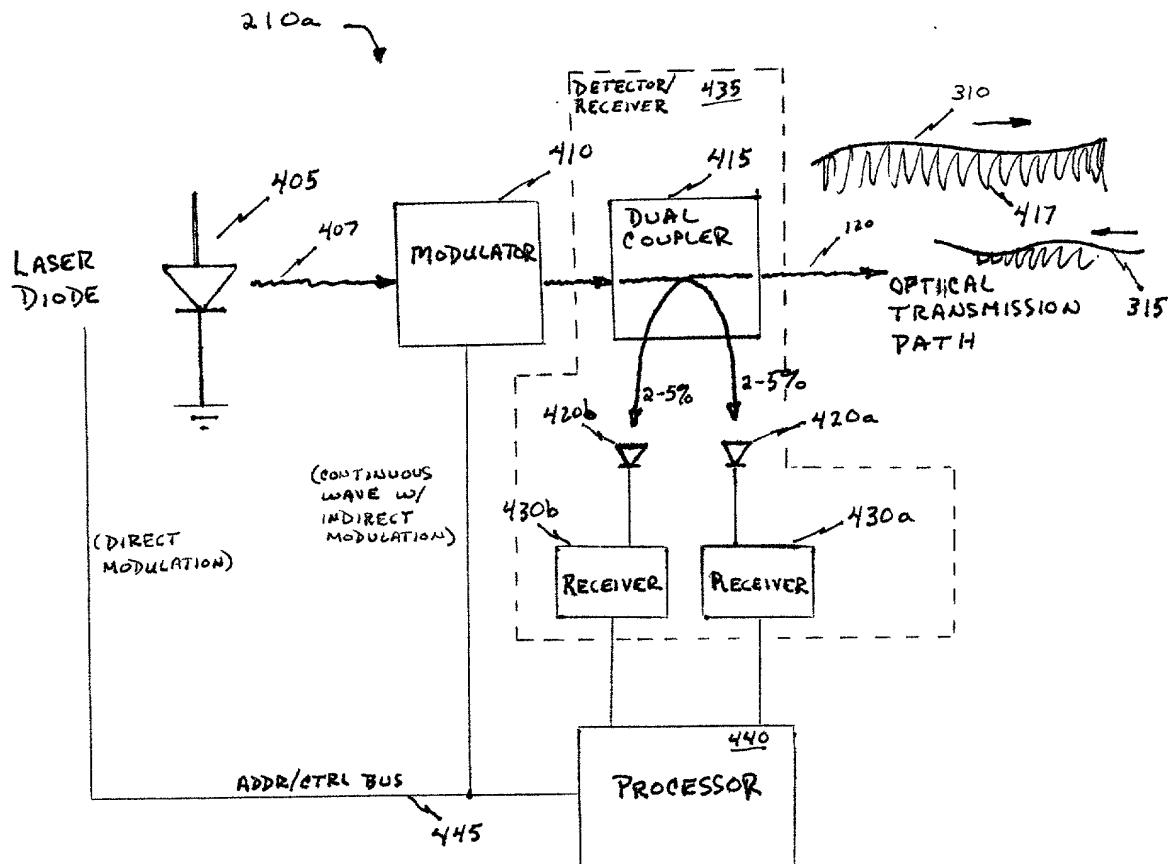


FIG. 4A

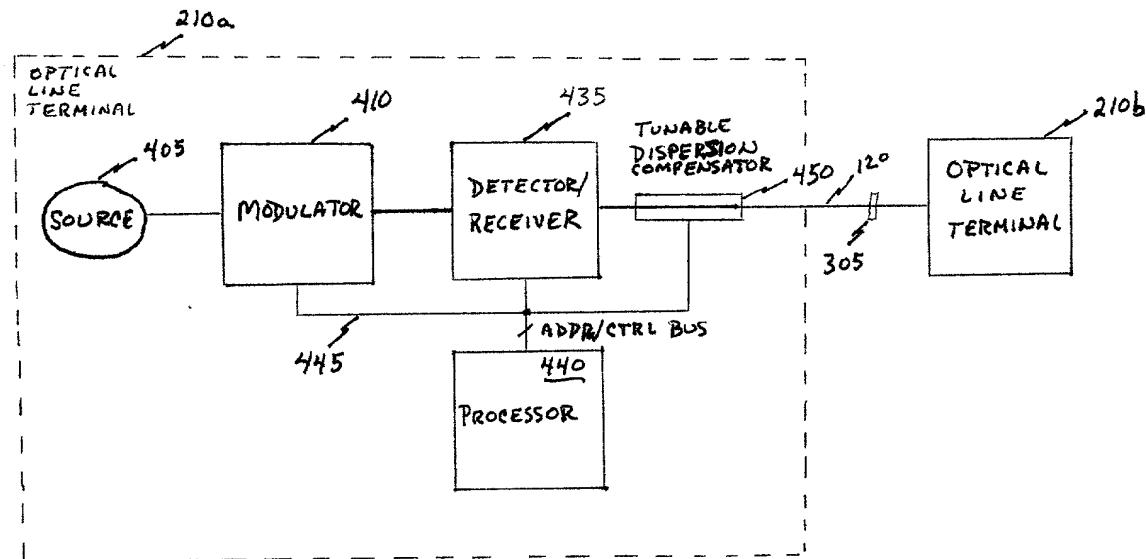


FIG. 4B

Given:
1) Choose Pilot tone Sweep band;
2) Sweep step
3) Selected Wavelength or Transponder

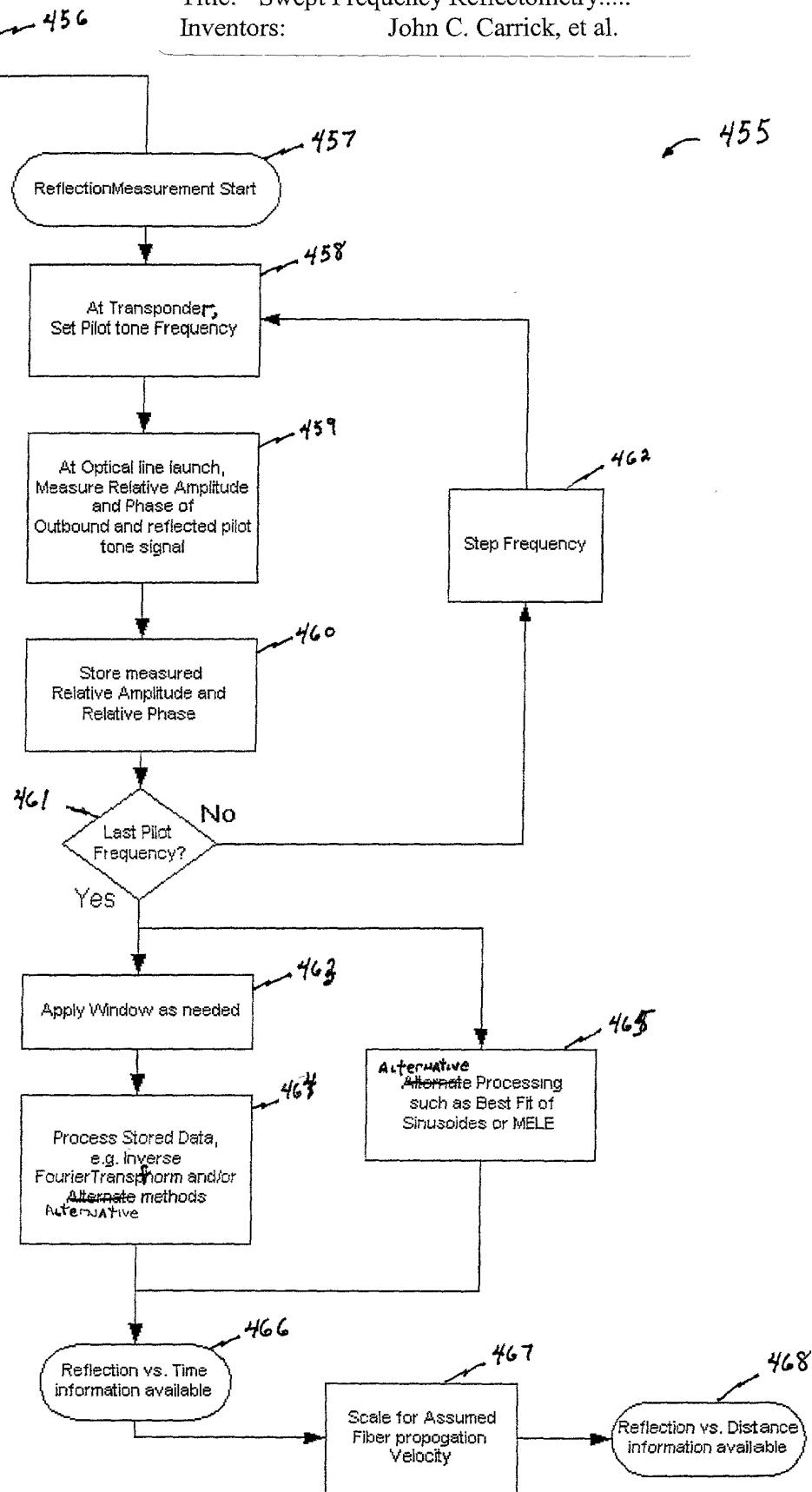


Fig. 4C

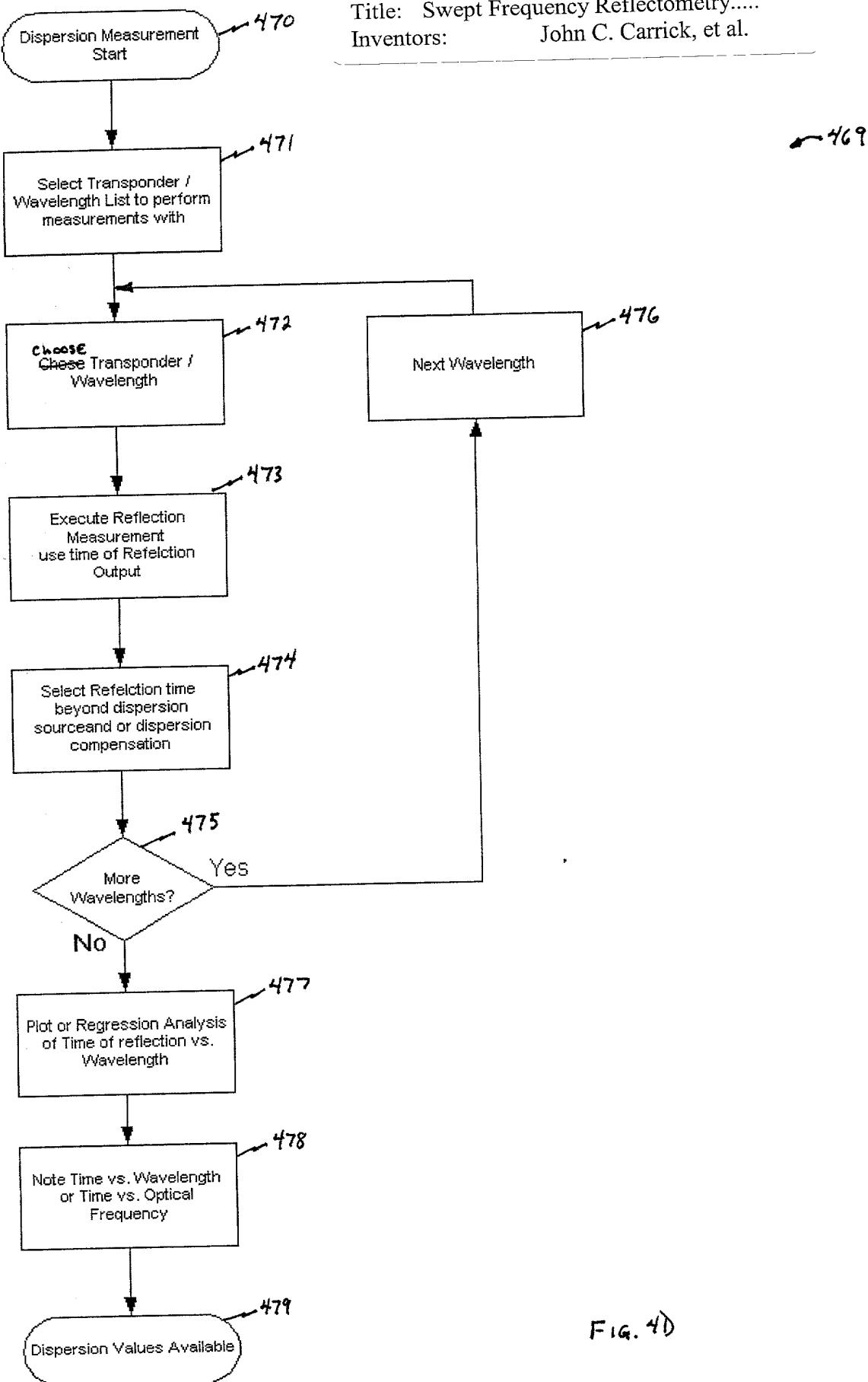


FIG. 4D

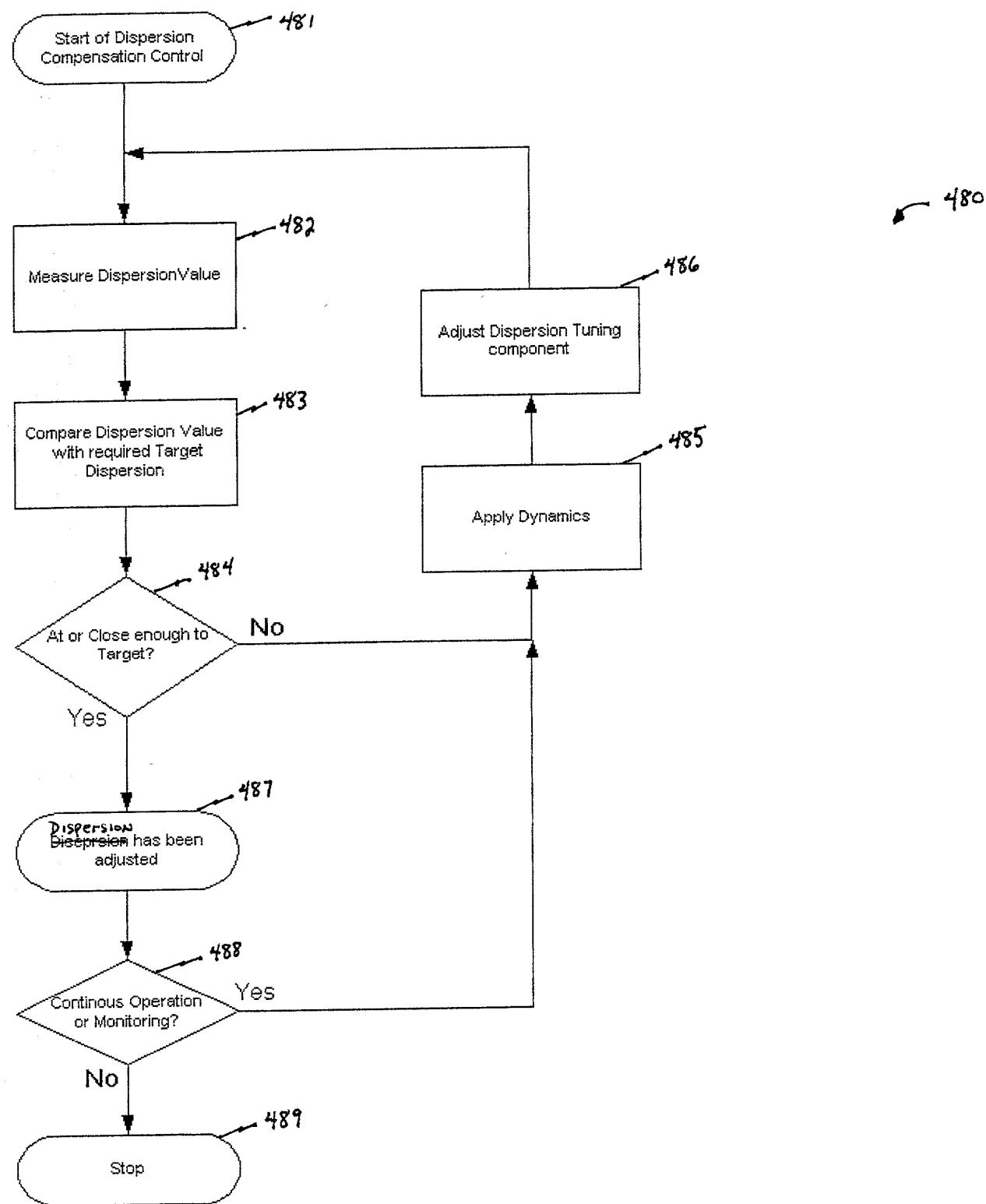


FIG. 4E

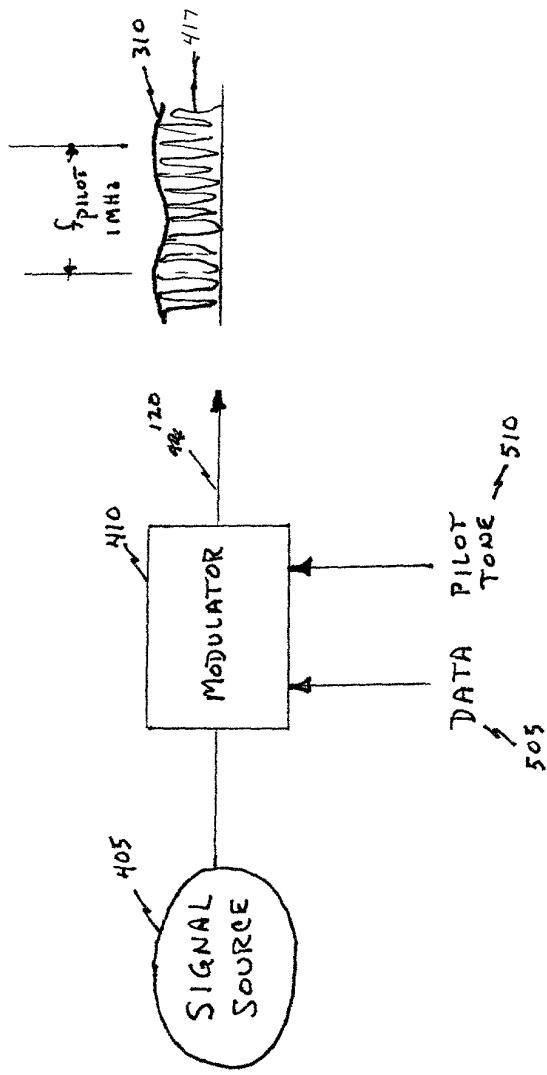


Fig. 5

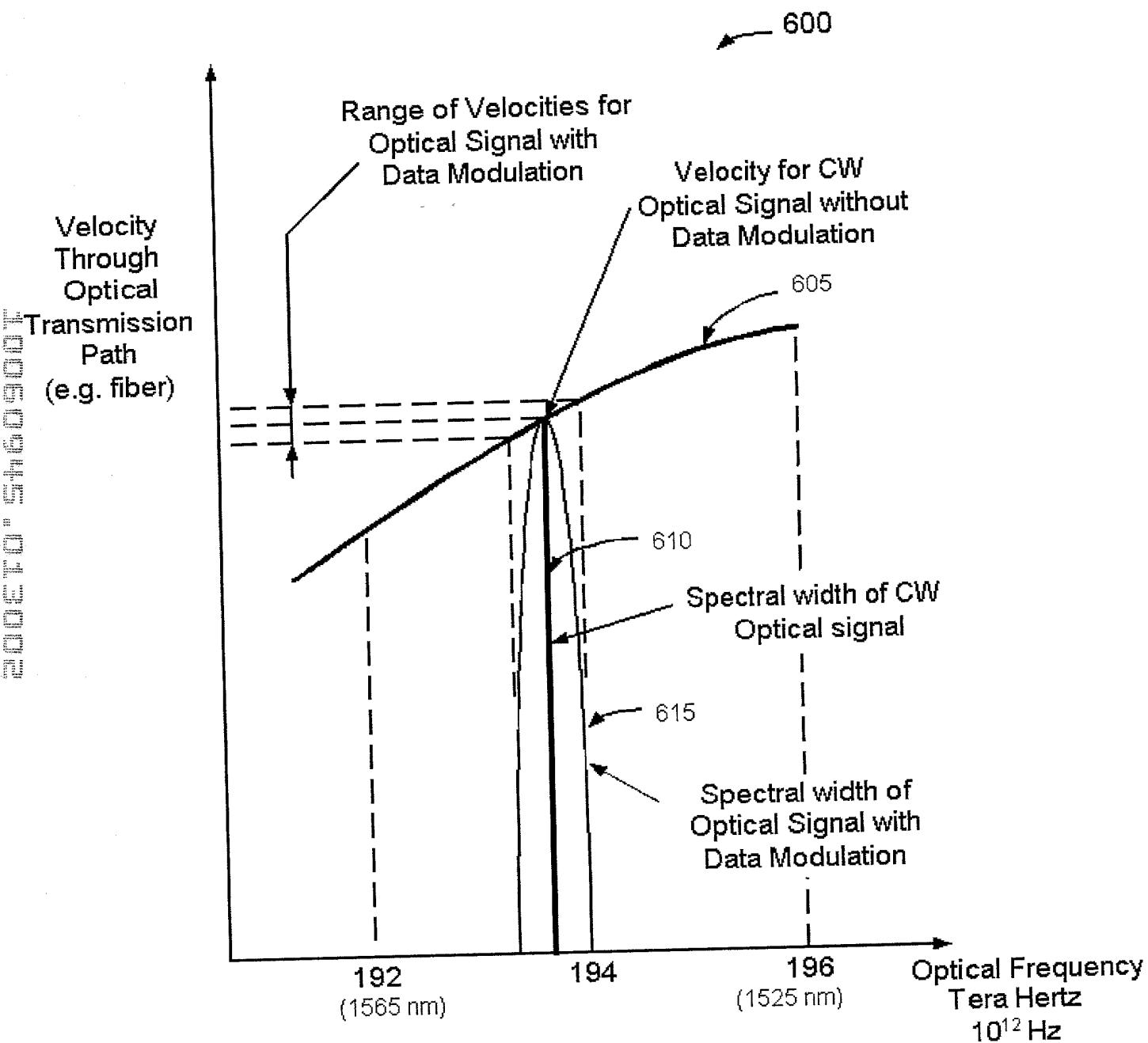


Figure 6

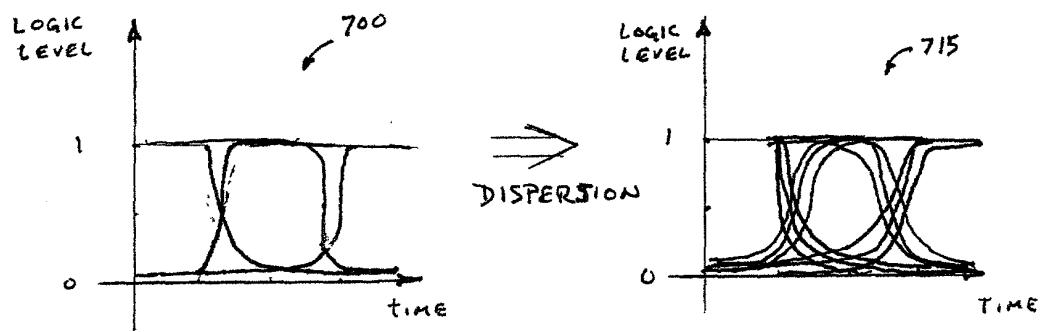


FIG. 7

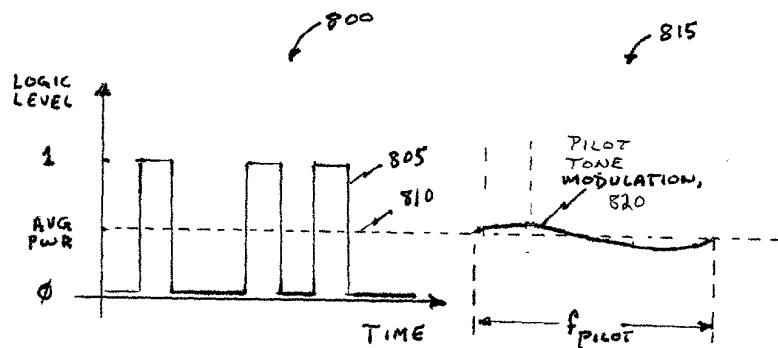


FIG. 8

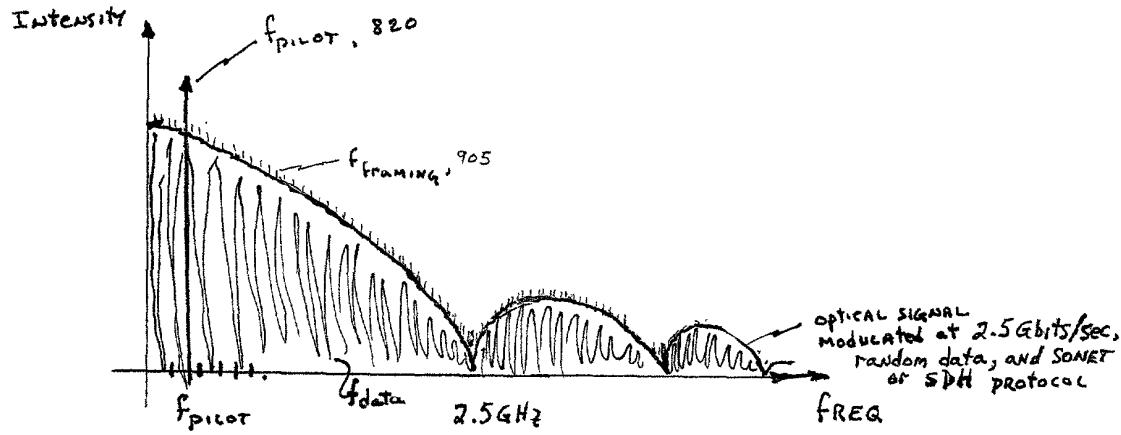


FIG. 9 -

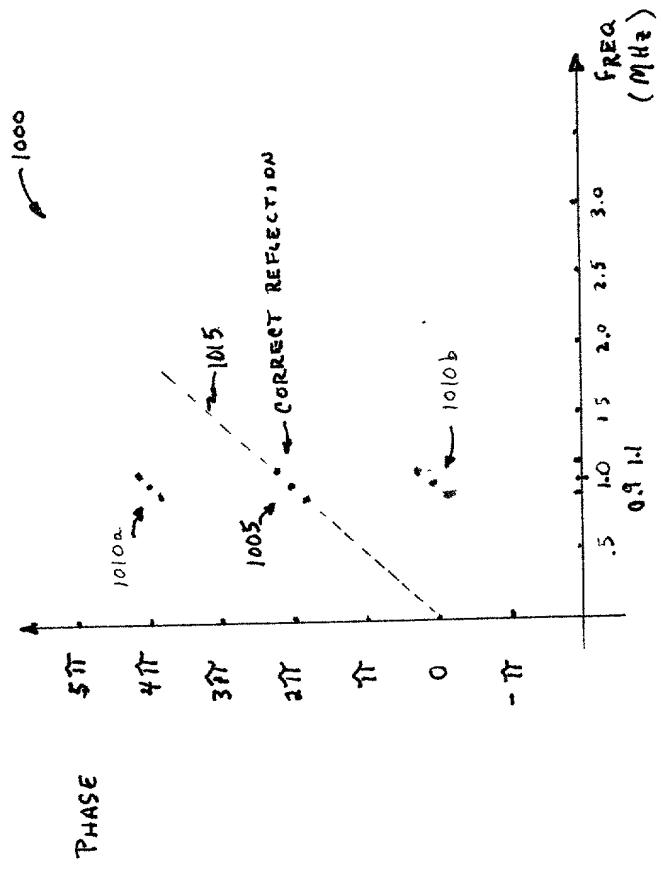


FIG. 10

Docket/App No.: 2376.2004-000
Title: Swept Frequency Reflectometry.....
Inventors: John C. Carrick, et al.

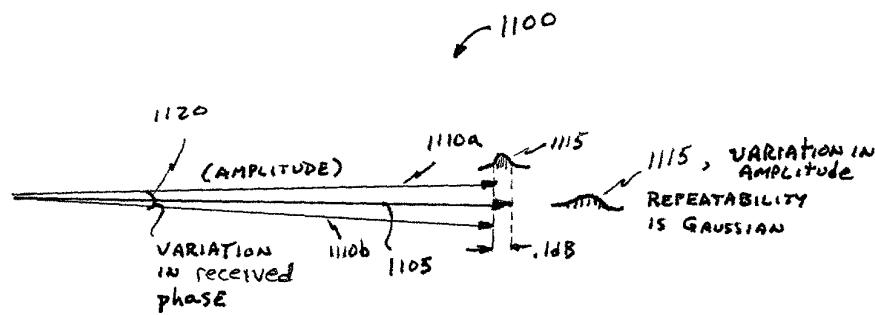


FIG. 11

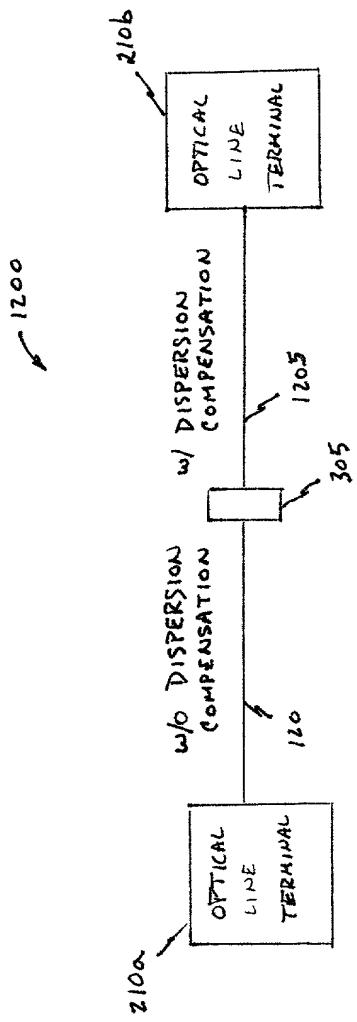


FIG. 12

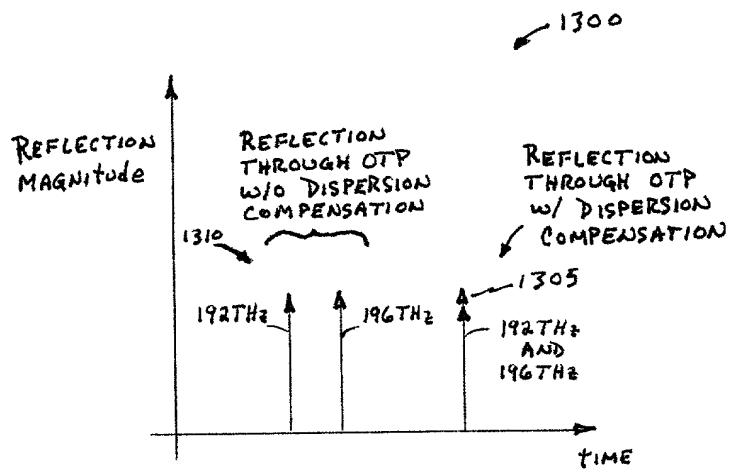


FIG. 13

Pilot Tone Measurement

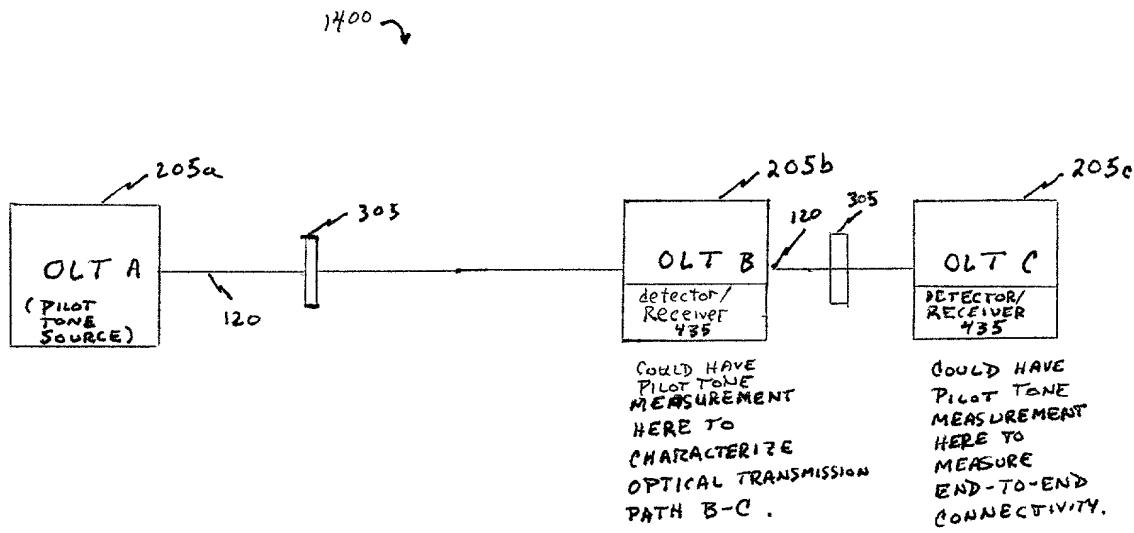


FIG. 14

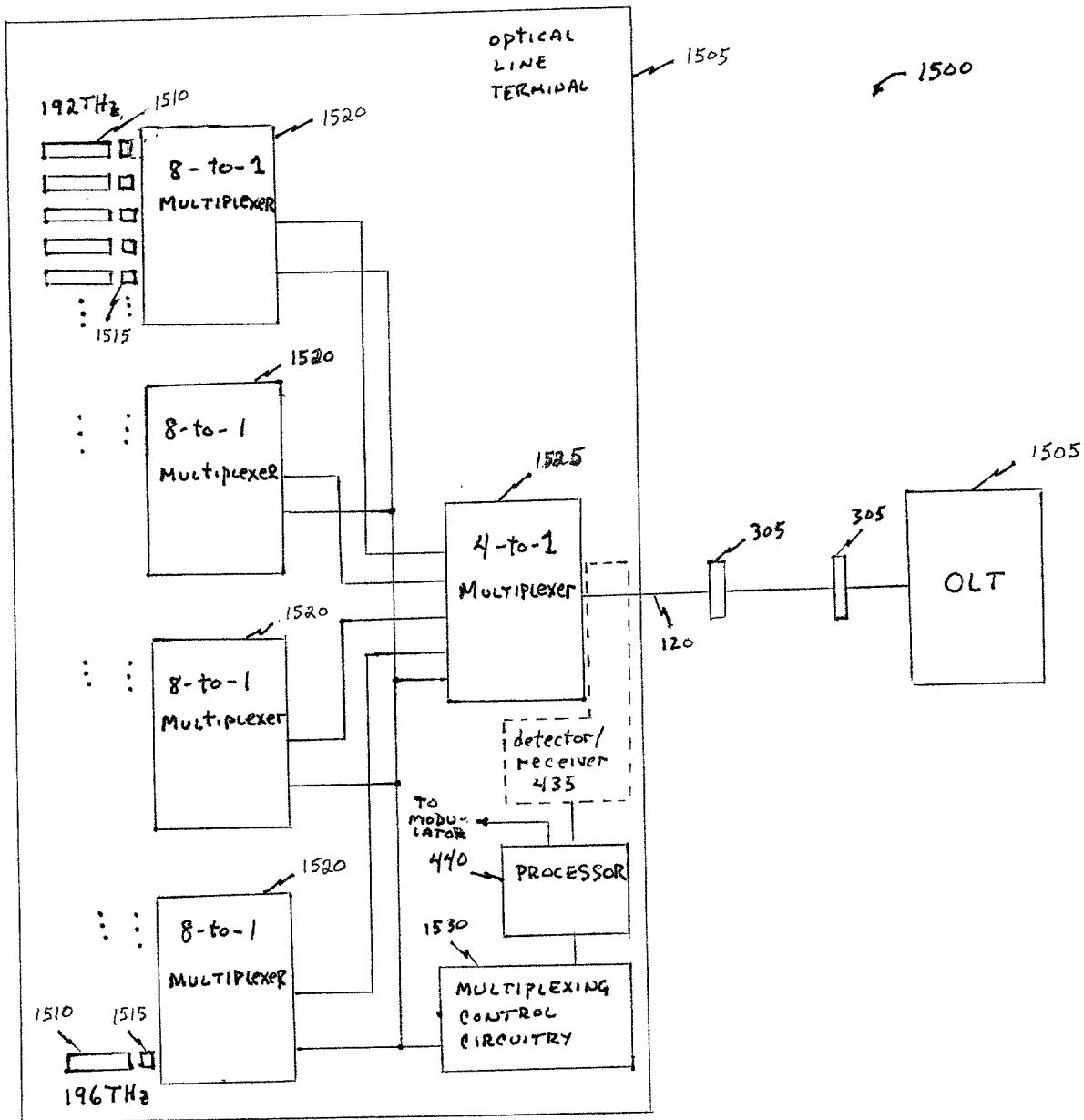


FIG. 15